1135-55-3094 **Matthew Hogancamp*** (hogancam@usc.edu) and **Eugene Gorsky**. *Link splitting and y-ification of Khovanov-Rozansky homology.*

I will discuss a recently constructed HOMFLY-PT analogue of the Batson-Seed invariant. In this theory, the invariant of a link L is a triply graded module over a polynomial ring in variables x_c, y_c, where c ranges over the components of L. This invariant has link splitting properties analogous to the Batson-Seed invariant, and conjecturally restores the missing $q \leftrightarrow tq^{-1}$ symmetry of Khovanov-Rozansky homology for links, and matches several predictions coming from a conjectural connection with the Hilbert scheme of points in the plane. This is joint work with Eugene Gorsky. (Received September 26, 2017)